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- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
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(54) **Title:** COMPOSITIONS OF HUMAN LIPIDS AND METHODS OF MAKING AND USING SAME

(57) **Abstract:** The disclosure features methods of making compositions that include a human lipid. The methods can include: obtaining whole human milk; separating the milk into a cream portion and a skim portion; processing the cream portion; and pasteurizing the processed cream portion.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US 07/86973

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - A23C 9/00 (2008.01)
USPC - 426/665, 426/491
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
USPC: 426/665, 426/491

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 426/ 490, 478

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWest:PGPB,USPT,USOC,EPAB,JPAB; Google Scholar; Google Patents; Text: Human; milk; whole; lipid; process; skim; cream; pasteurize (-ing; -ed); ultrafiltration; diafiltration; glycerin; vitamin; mineral; infant; human; omega; PUFA; linoleic; alpha; gamma; parenteral; enteral; administer (-ation; -ing); water; suspend; suspe

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 5,505,955 A (PETERSON et al.) 09 April 1996 (09.04.1996) col 13, ln 15; col 12, ln 60-61; col 13, ln 41-52; col 13, ln 43; col 13, ln 43; col 8, ln 10-16; col 12, ln 39-49; col 12, ln 60; col 15, ln 47-49; col 9, ln 20-35; col 15, ln 33; col 7, ln 27-30; col 7, ln 27-30; col 4, ln 5; col 9, ln 20-35;	21-22, 24-26, 28-30, 32, 37-38, 40-43 ----- 1-20, 23, 27, 31, 33-36, 39
Y	KRUKOVSKY et al. THE EFFECTS OF NORDIHYDROGUAIARETIC ACID, SALT AND TEMPERATURE OF STORAGE ON THE STABILITY OF FAT AND FAT-SOLUBLE VITAMINS IN CREAM AND BUTTER. Journal of Dairy Science, 1949, Vol 32, No 7, pg 679-687. pg 687, para 2	1-20, 23, 27, 33
Y	US 2004/0265462 A1 (CARLSON) 20 December 2004 (30.12.2004). para [0031]; para [0029]; para [0003]; para [0019]; para [0020]; para [0025]; para [0028]	14, 19-20, 31, 34-36, 39
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Y	JENNESS et al. SUBSTANCES ADSORBED ON THE FAT GLOBULES IN CREAM AND THEIR RELATION TO CHURNING. V. COMPOSITION OF THE "MEMBRANE" AND DISTRIBUTION OF THE ADSORBED SUBSTANCES IN CHURNING. Journal of Dairy Science, 1945, Vol 28, No 8, pg. 611-623. pg. 613, para 1	6-7
Y	US 6,183,803 B1 (MORCOL et al.) 06 February 2001 (06.02.2001). col 5, ln 44-54	8-14

J I Further documents are listed in the continuation of Box C.

* Special categories of cited documents	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 09 March 2008 (09.03.2008)	Date of mailing of the international search report 05 MAY 2008'
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